



Jim Doyle, Governor  
Mary P. Burke, Secretary

## Wisconsin Department of Commerce Bureau of PECFA

### Bid Document

#### SECTION 1 - Scope of Work:

The Bureau of PECFA is seeking competitive bids to perform remedial action services on a petroleum release from a regulated petroleum product storage tank system. This bid is through a specified work scope. The site upon which bids are being solicited is:

**Bid Round Number:** 38  
**Comm Number:** 53940-9999-84-A  
**BRRTS Number:** 03-57-241298  
**Site Name:** Shell Station (Former)  
**Site Address:** 584 Wisconsin Dells Pkwy Lake Delton WI

**Project Manager:** Hank Kuehling  
**Project Manager address:** 3911 Fish Hatchery Rd Fitchburg WI 53711  
**Project Manager phone:** 608-275-3286  
**Project Manager e-mail address** [hank.kuehling@dnr.state.wi.us](mailto:hank.kuehling@dnr.state.wi.us)

<b>Bid Announcement Date</b>	<b>7/5/2005</b>
<b>Questions or requests for information must be submitted in writing and received by:</b>	<b>7/18/2005 4:00 PM</b>
<b>Responses to the questions will be posted (and if requested, sent in writing) by:</b>	<b>8/5/2005</b>
<b>Bid End Date and Time:</b>	<b>8/19/2005 by Noon</b>

The case file including report(s) and other pertinent information upon which bids are being sought, and the qualified bid response, when determined, are available for inspection at:

**Department of Natural Resources, 3911 Fish Hatchery Rd, Fitchburg WI**

Please contact the project manager listed above for an appointment.

Copies of report(s) and other pertinent information may be available for purchase at the location listed below. If pertinent information is not available, please contact the project manager.

**Action Legal-Madison, 1 E Main St, Madison WI 53703**

**Phone: 608-663-1041**

**Fax: 608-663-1045**

## SECTION 2 – Site-Specific Bid Specification Requirements:

### A) Project Manager Comments

#### 1) General Comments:

This site is currently used for commercial purposes. The site was formerly operated by Crawford Oil Company as an automobile service station with retail gasoline sales. Three 6,000 gallon underground storage tanks (USTs) that contained leaded, premium unleaded, and regular unleaded gasoline were reportedly removed in the late 1970s or early 1980s. A site investigation was initiated in June 2000.

The soil at the site is silt loam, a loess formed on sandstone uplands. The soil is a mix of clayey, silty, sandy and gravelly material above competent sandstone that occurs approximately five feet below ground surface (bgs). The water table is approximately 65 feet bgs, and the flow direction varies between north-northeast and east-northeast. Vertical hydraulic gradients vary between slightly upward and slightly downward. The only potential receptor in the area is a golf course irrigation well that is between 1,000 and 1,200 feet northeast of the site.

Soil borings were installed in 2000, with soil contamination exceeding ch. NR 720 generic RCLS and/or s. NR 746.06 Table 1 and Table 2 values identified in borings B2, B3, B4, B5, B6, B7, B8, B9, and MW4. Petroleum contaminants have been at consistently high levels (benzene at levels above 10,000 ug/L) in groundwater samples from MW-2 and MW-4 and recently at low levels but above the enforcement standard at P-5 and P-6. Free product has been found in MW-2 and MW-4, but not since March 2004 or prior to that date.

For more details about site geology, the groundwater flow system, current site conditions regarding the degree and extent of soil and groundwater contamination, and other site information, please review the following documents:

- *Interim Site Investigation Report, Former Shell Station*; MSA Professional Services, May 2003,
- *Luszczak Property– Summary Report*, METCO, March 28, 2005.

To reduce copy costs, DNR has provided to the listed copy shop only a portion of the two submittals noted. Additional and useful site information, including those documents listed above, is contained in the case file at the DNR South Central Region office at 3911 Fish Hatchery Road, Fitchburg, WI, 53711. To view this file, contact Wendy Weihemuller at 608.275.3212.

#### 2) The following Environmental Factor(s) were identified in the Site Investigation Report for this site:

- ☐ Documented expansion of the plume margin.
- ☐ Verified contaminant concentrations in a private or public potable well that exceeds the preventive action limit established under ch. 160, Stats..
- ☒ Contamination within bedrock or within 1 meter of bedrock.
- ☒ Petroleum product that is not in the dissolved phase is present with a thickness of .01 feet or more, and verified by more than one sampling event.

☐ Documented contamination discharges to a surface water or wetland.

### 3) Minimum Remedial Requirements:

#### Bid scope of work activities

1. Contaminated soil shall be remediated by means of soil excavation and off-site disposal. Disposal shall occur during excavation. The area of excavation shall include, but not be limited to, the areas where the USTs and the dispenser islands were formerly located and also the area northeast of the former tank location. This area of excavation shall include, at a minimum, the vicinity of borings B2, B3, B4, B5, B6, B7, and B8, and all other soils exceeding NR 746.06 Table 1 values and/or Table 2 values. All soil of the top four feet of the soil profile that poses a direct contact threat by exceeding a Table 2 value that is in the area of excavation required above shall be removed. For bidding purposes, an estimated minimum of 500 tons of contaminated soil shall be assumed to be necessary to be excavated and disposed off-site. This is based on: two estimated areas of 15'X10' by 4' deep in the area of the former pump islands; an area 30'X15 by 8 feet deep in the areas of borings B5 and B8; and two areas of 30'X10' by 8 feet deep and 10'X15' by 8 feet deep in the area of the former UST beds. See map for approximate areas of excavation. This quantity also assumes that the upper area of the sandstone bedrock can be excavated, based on the ability of a hollow-stem auger that completed borings in the bedrock. The use of field screening or other appropriate technology is required in order to segregate clean excavated soil from contaminated soil for disposal. This same field-screening technology shall also be used to determine the horizontal and vertical extent of excavation to remove as much as possible the soil and "rippable" bedrock that exceeds the Table 1 and Table 2 values noted above.

The excavation shall be back-filled with the clean soils segregated during excavation activities, as well as imported, clean material similar to the native soil (silt and/or clay-rich soils). Post-excavation confirmation base and sidewall soil samples must be collected, at a frequency of one for each increment of up to 25 lineal feet of excavation sidewall and base. Each soil sample shall be analyzed for petroleum volatile organic compounds (PVOs) including benzene, ethylbenzene, toluene, xylenes, trimethylbenzenes, and methyl tert-butyl ether, plus naphthalene.

Existing asphalt that is removed as part of the soil excavation shall be replaced. For bidding purposes, this area shall be assumed to be the area noted above in the vicinities of B6 and B7 as well as B5 and B8; that is, an estimated 1,250 square feet of replacement asphalt.

- **PLEASE NOTE:** Although replacement of asphalt is required, this activity is not eligible for PECFA reimbursement as per Comm 47.30(2)(d)(8).

The Department of Natural Resources' project manager (Hank Kuehling) must be notified a minimum of one week prior to the beginning of the excavation work required above.

2. Following the soil excavation and removal, conduct groundwater sampling and analysis quarterly for six rounds for all of the monitoring wells associated

with this site: MW-1; MW-2; MW-3; MW-4; MW-5; P-5; MW-6; P-6; and P-7. Analyze the groundwater samples for PVOCs.

3. Groundwater elevations, based on National Geodetic Survey data, must be measured in all monitoring wells in each monitoring round with the results to be included in tabular form in the report required below. Groundwater flow maps, including flow direction and watertable contours, must be prepared for each sampling round and included in the required reports.
4. Inspect monitoring wells MW-2 and MW-4 during each of the groundwater monitoring events for the presence of free product. If present, measure the thickness of the product present in the well with a product interface probe (report product thickness and water level), remove the product with absorbent socks or by bailing and record the amount of product removed. If product is not present, report the water level. Report all of this information in the report required below. Complete these inspection and product measurement activities prior to the well purging and sampling required in Item 2.
5. The bid shall include costs for disposal of all investigative waste; in this case, purge water and, possibly, free product. All waste barrels generated from site work activities must be labeled and placed in an inconspicuous place on the site and removed from the site within two weeks of each sampling round. The waste must be disposed of in accordance with s. NR 716.11(6), Wis. Adm. Code.
6. The consultant who contracts with the responsible party to conduct the activities described in this scope of work must contact the DNR project manager, currently Hank Kuehling, prior to beginning the activities of this scope of work. The scope of work activities must begin within 60 days of the signing of the contract between the responsible party and the consultant chosen to do this work.
7. Submit three semi-annual reports to the DNR project manager, and a copy of each to the Department of Commerce, that includes a table or tables of the groundwater quality data and water level measurement results obtained during the reporting period, along with all previously reported groundwater data. The laboratory analytical report sheets for the reporting period must also be included. This report shall also include groundwater flow direction and contour maps, and the information on free product measurement and removal.

The first semi-annual report shall include:

- A summary of the soil excavation work, which includes the amount of soil excavated and the destination to which it was hauled;
- The amount of excavated soil returned to the excavated area, and the analytical results justifying this re-use of the soil; the amount of clean soil that was obtained off-site to fill the excavation.
- A description of the soil; the reasons for leaving some contaminated soil in place, if applicable; and a table of the results of the confirmation soil sample analyses, along with the laboratory sheets for these analyses.

- Include in the semi-annual reports a description of any other work activities completed in accordance with this bid.

## **B) Bidder's Strategy for Remedial Action**

- 1) Identify the remedial strategy for a specified work scope.
- 2) Specifically describe what element of your proposed strategy will address the environmental factors/risk factors listed above. Also describe how, when, and why it will address them.
- 3) Provide a detailed description of the work to be performed. The description shall provide sufficient detail to establish that the proposed strategy will be successful in achieving a specified work scope identified above.
  - a) The detailed description may include, but is not limited to the following:
    - Technologies
    - Estimated years of operation
    - Estimated tons of soil
    - Approximate geometry/depth of excavation
    - Reporting details
    - Estimated years of monitoring
    - Frequency of sampling/number of wells/parameters
- 4) Specifically describe how you will address off-site contamination, if applicable.
- 5) Specifically describe how you will address any direct contact hazards, if applicable.

## **SECTION 3 - Conditions of Bid:**

The successful bidder will be the entity that complies with all provisions of the bid specification and provides the lowest total cost, excluding interest and claim preparation costs, for the site-specific bid specification requirements described in Section 2. PECFA funding under s. 101.143, Stats., will terminate when the responsible agency determines that institutional controls and notices, if utilized, would achieve a closed remedial status. PECFA funding will terminate regardless of whether the responsible party or other properties accept an institutional control and notices as required under §NR 726 Wis. Admin. Code. In preparing the bid, the bidder must assume compliance with all applicable codes, including but not limited to §Comm 46, §Comm 47, and §NR 700 Wis. Admin. Codes.

The successful bidder will be determined based upon conformance to and competitiveness under the bid protocol. The first determination will be whether the bidder has complied with all provisions of the bid. These bids will be considered responsive. From the responsive bids, the lowest total cost bid with an approvable approach to a specified work scope will be determined. Claim preparation costs will not be a part of the cost cap established by this bid. These costs (\$500 maximum per claim submittal) are still eligible for PECFA reimbursement and Commerce encourages timely claim submittals at appropriate milestones. Therefore, bidding consultants should not include claim preparation costs in their bid responses.

The successful bid will be available to be viewed at the location identified in Section 1. If two or more bidders tie in the cost comparison, the bid with the lowest consulting cost will be used as the tiebreaker. All bid documents must be signed and sealed by a Professional Engineer, Professional Geologist, Hydrologist or Soil Scientist licensed by the State of Wisconsin Department of Regulation and Licensing.

The Department reserves the right to reject any and all bids that meet any of the following conditions:

- The Department believes the remedial strategy is not appropriate to a specific geologic setting.
- From the standpoint of program operations or regulatory responsibility, the Department determines it is in the best interest of the program to not accept any or all bids.

Any proposed technology or methods used in the remediation must be allowed for use in the State of Wisconsin and approvable by the Department with jurisdiction (Natural Resources or Commerce).

The name of the successful bidder, bid amount, proposed outcome and supporting documentation will be provided to the site claimant along with instructions to inform the PECFA program in writing of their intent to either:

- Use the lowest identified bidder or
- Use another service provider.

In either case, PECFA reimbursement is capped at the dollar amount of the successful bid.

A successful bid does not mean or guarantee that all costs in a resultant claim are eligible, reasonable, necessary or reimbursable under the PECFA program.

If a bidder fails to comply with a bid provision the bid response will be determined to be non-responsive. If the bid response is responsive, but not the lowest cost service provider with an appropriate approach, it will be determined to be “non-successful.” Non-responsive and non-successful bidders will not be individually informed of their failure to achieve compliance with the bid specifications or to be the lowest bidder.

The successful bidder may be required to provide input to, and attend a meeting with the PECFA program and the claimant to explain the bid and the remedial approach.

Appeals, by bidders, of decisions regarding complying bids or costs are not allowed, as they do not constitute claimant reimbursement decisions under the PECFA program.

In compliance with this invitation to bid and subject to all conditions thereof, the signatory agrees to the following:

- If the signatory’s bid is determined to be successful, the signatory must, within 15 days of the Department’s notification, contact the claimant and confirm that they will provide the remedial services at the cost described within the Bid Response.
- That for a period of 90 days, starting with the Department’s notification to the claimant, the signatory will hold firm their commitment to provide the remedial services and prices set forth in the Bid Response.

Failure to abide with the conditions stated above may result in exclusion from future PECFA Public Bidding events.

Questions, answers and interpretations will be considered an amendment of this solicitation. All answers and interpretations shall be in writing from the Program Manager identified in Section 1 of this solicitation. Neither the program nor the Department shall be legally bound by any amendments or interpretations that are not in writing. Bidders are not to contact other personnel located within the Department of Commerce/Bureau of PECFA concerning the site or the bid solicitation between the Bid Announcement Date and Bid Ending Date. After the date by which questions must be submitted by, identified in Section 1, no further questions will be addressed.

A written response will be provided at: <http://www.commerce.state.wi.us/ER/ER-PECFA-SiteBidding.html> (and mailed to all requesters of the bid package who are not able to access the web site, and who therefore request written correspondence from the program contact).

#### **SECTION 4 - Closure Specifications – If Applicable:**

A bid submitted must provide the total cost, excluding interest but including all closure costs, for the remediation up to approval as a closed remedial action status identified below:

**Unrestricted Closure**  
**Closure with a NR 140 exemption**  
**Closure with GIS Registry\***  
**Closure with deed notice\***  
**Closure with deed restriction\***  
**Closure with NR 720.19 soil standards**

**Performance based NR 720.19 closure**  
**Closure with site-specific conditions**  
**Closure under NR 726.07**  
**Closure under Comm 46/NR 746**  
**Mass reduction**

*\* **Note:** PECFA funding under s. 101.143, Stats., will terminate when the responsible agency determines that institutional controls and notices, if utilized, would achieve a closed remedial status. PECFA funding will terminate regardless of whether the responsible party or other properties accept an institutional controls and notices as required under NR 726. PECFA eligible costs may include all closure costs, up to approval as a closed remedial action (i.e. monitoring well abandonment) that are otherwise eligible for reimbursement.*

If the PECFA maximum award for the site/occurrence is not believed to be adequate to remediate the site/occurrence to a closed or no further remedial action status, that belief must be specifically noted in the bid and the remedial effort that will be achieved by the bid amount. For the purpose of the competitive bid the contaminant mass is determined to be: **Not Applicable**. The basis for specifying the progress shall be contaminant mass reduction and be based upon the mass reduction at the following points on the site:

Not Applicable

If the site is reasonably expected to exceed its cap under the PECFA program, bidders may propose mass reduction, the lowest bidder will be determined on the basis of a cost per mass reduction ratio. If some bidders propose mass reduction and others propose costs to bring the site to a closed remedial action or no further action status, selection will be from those bidders proposing a closed or no further action result.

## **SECTION 5 - Instructions to Bidders:**

By submission of a bid, bidder agrees that during the period following issuance of this solicitation and prior to notification of successful bidder, bidders shall not discuss the bid or bid process except with the program contact designated in this solicitation. Bidders shall not discuss or attempt to negotiate with the claimant, other potential bidders or program staff any aspects of the bid without prior approval of the Project Manager specified. Infractions will result in rejection of the violator's bid and may also result in disqualification of the individual to provide bids and a formal complaint being lodged with the Department of Regulation and Licensing.

The bid submitted shall address all the site specific bid specification requirements identified in Section 2. The bid shall support in detail the strategy to achieve a specified work scope, or remedial mass reduction goal if applicable. A full remedial action plan is not required as part of the bid submittal. A full remedial action plan may be requested by the program.

If access to the site is necessary for the preparation of a bid, access shall be arranged through the Project Manager. If the Project Manager is not able to arrange site access, this fact will not delay the bid process or negate the comparison and potential selection from among the bids that are submitted. All costs associated with a site visit or preparation of a bid will be the responsibility of the bidder.



The Bid Process must conform to the following:

1. If applicable, the closed remedial or no further action status to be achieved must be stated using the options available from the list provided in Section 4.
2. Indicate in the Bid Response a contaminant mass reduction proposal if the PECFA maximum award is not believed to be adequate to remediate the site/occurrence.
3. The Bid Response shall address all the site specific bid specification requirements identified in Section 2 and shall support in sufficient detail and succinctly the remedial strategy.
4. The total cost (in dollars) to accomplish the stated remedial goal, including all fees, reporting cost, pre and post closure costs and costs for establishing restrictions or institutional controls but, excluding claim preparation costs, interest, and investigation costs.
5. The costs specified in #4 shall separately identify consulting (non-commodity) costs.
6. The submittal must include an original and two (2) copies of the Bid Response documents signed and sealed by a Professional Engineer, Professional Geologist, Hydrologist or Soil Scientist licensed by the State of Wisconsin. Include the appropriate registration number of the professional license.
7. Bids can not be "faxed" directly to the program. Documents received by fax will not be accepted or considered.
8. Bids, amendments thereto or withdrawal requests must be received by the time advertised for bid opening. It is the bidder's sole responsibility to insure that these documents are received by the contact at the time indicated in this solicitation document.
9. All specifications or descriptive papers provided with the bid submission must include the bidder's telephone number and Commerce number thereon. Identify the name of the consulting firm on the 1<sup>st</sup> Page of the Bid Response.
10. The Commerce Number must be on the outside of the envelope in which the bid is submitted. The Department assumes no responsibility for unmarked or improperly marked envelopes. All envelopes received showing a bid number will be placed directly under locked security until the date and time of opening. Include only one Bid Response (an original and two (2) copies) per envelope.
11. Correction of errors on the bid form: All prices and notations shall be printed in ink, typewritten or computer printed. Errors shall be crossed out, corrections entered and initialed by the person signing the bid. Erasures or use of correction fluid will be cause for rejection. No bid shall be altered or amended after the time specified for the bid end date.
12. Bidders are not to contact other personnel located within the Department of Commerce/Bureau of PECFA concerning the site or the bid solicitation between the Bid Announcement Date and Bid Ending Date.
13. Any proposed technology or methods used in the remediation must be allowed for use in the State of Wisconsin and approvable by the Department with jurisdiction (Natural Resources or Commerce).

14. From the standpoint of program operations or regulatory responsibility, the Department determines it is in the best interest of the program to not accept any or all bids.
15. If bidders consider the bid response to be proprietary information and exempt from disclosure, each part of the Bid Response must clearly marked *CONFIDENTIAL*. If any part is designated as confidential, there must be attached to that part an explanation of how the information is proprietary. The Department reserves the right to determine whether this information should be exempt from disclosure and no legal action may be brought against the State, Department or its agents for its determination in this regard.
16. The Bid Response must be appropriate to the site geologic setting.
17. Ambiguous bids, which are uncertain as to cost, time or compliance with this solicitation, will be rejected.
18. The Department reserves the right to reject any and all bids, and/or to cancel this solicitation at any time.
19. Each bidder shall fully acquaint itself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this solicitation. The failure or omission of a bidder to acquaint themselves with existing documented conditions shall in no way relieve any obligation with respect to this bid.
20. All amendments to and interpretations of this solicitation shall be in writing from the Project Manager. Neither the Department nor the program shall be legally bound by any amendment or interpretation that is not in writing.
21. This solicitation is intended to promote competition. If the language, specifications, terms and conditions, or any combination thereof restricts or limits the requirements in this solicitation to a single source, it shall be the responsibility of the interested bidders to notify the program in writing so as to be received five days prior to the opening date. The solicitation may or may not be changed but a review of such notification will be made prior to award.

**BID RESPONSE**  
**(1<sup>st</sup> Page)**

Department of Commerce PECFA Program

**SITE NAME:** Shell Station (Former)  
**COMMERCE NUMBER:** 53940-9999-84  
**BRRTS NUMBER:** 03-57-241298

Submit Bid To: Cathy Voges  
Department of Commerce PECFA Program  
201 W Washington Ave, Madison WI 53703-2790 or  
P.O. Box 8044, Madison WI 53708-8044

Bidder Company: \_\_\_\_\_  
Bidder Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone: ( ) - \_\_\_\_\_  
Fax Number: ( ) - \_\_\_\_\_  
e-mail Address: \_\_\_\_\_

Bidder: (check one that applies):

_____	Professional Engineer	_____	License #
_____	Professional Geologist	_____	License #
_____	Hydrologist	_____	License #
_____	Soil Scientist	_____	License #

Seal

Signature: \_\_\_\_\_

I certify that I have the authority to commit my organization or firm to the performance of the bid I have submitted.

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Total Bid Cost \$ \_\_\_\_\_

Total Consulting Cost (subpart of Total Bid) \$ \_\_\_\_\_

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

**BID RESPONSE**

**(2<sup>nd</sup> Page)**

Department of Commerce PECFA Program

**SITE NAME:**                      **Shell Station (Former)**

**COMMERCE NUMBER:**      **53940-9999-84**

**BRRTS NUMBER:**              **03-57-241298**

Consulting Firm phone number (    ) \_\_\_\_-\_\_\_\_

This response must address all of the site-specific specifications identified in Section 2, and shall support in detail the remedial strategy. Attach additional pages if necessary. *The Commerce Number and Consulting Firm telephone number must be included on all additional pages.* The pages of each Bid Response must be ***stapled*** together. No paper clips or spiral bindings please.